

Bibliographic Information

Stabilizers for alkenylsuccinic anhydride emulsion sizes. Hatanaka, Shigeto; Jinnai, Takeshi; Aizono, Takafumi; Taketomi, Yasuaki; Nakamura, Takashi. (Mitsubishi Oil Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho (1994), 8 pp. CODEN: JKXXAF JP 06166985 A2 19940614 Heisei. Patent written in Japanese. Application: JP 93-141295 19930521. Priority: JP 92-287014 19921002. CAN 121:303379 AN 1994:703379 CAPLUS (Copyright 2005 ACS on SciFinder (R))

Patent Family Information

| <u>Patent No.</u> | <u>Kind</u> | <u>Date</u> | <u>Application No.</u> | <u>Date</u> |
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Priority Application

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Abstract

The title stabilizers are used with an ordinary surfactant and are obtained from the amphoteric polymers of (meth)acrylamides 99.8-65, water-sol. cationic monomers or their salts 0.1-20 and α,β -unsatd. dicarboxylic acids or their salts 0.1-15 mol%. Thus, persulfate-initiated chain-transfer polymn. of dimethylaminopropylacrylamide 7.8 with maleic acid 2.9 and acrylamide 89.3 g gave an amphoteric copolymer which was used to stabilize an emulsion size contg. alkenylsuccinic anhydride and a nonionic surfactant.